



UNIVERSITY OF RUHUNA

FACULTY OF FISHERIES AND MARINE SCIENCES & TECHNOLOGY

Academic Year 2023/2024

Bachelor of Science Honours in Fisheries and Marine Sciences Degree/ Bachelor of Science Honours in Marine and Freshwater Sciences Degree

Level III Semester II Examinations – April/May 2025

OCG 32A1: Coral Ecology

Time: 1 hour

Answer only **Two (02)** questions

01.) Briefly describe the role of corallivores in shaping the coral reef environment.

(50 marks)

02.) Write short notes on **any three (03)** of the following.

- a. Zooxanthellae – coral polyp symbiosis
- b. Asexual reproduction of corals
- c. Mimicry in the reef environment
- d. Zones of a coral reef

(50 marks)

03.)

- a. Describe various types of data that can be extracted from a coral reef environment.
- b. Detail underwater survey methods available to assess the substrate composition of a coral reef.

(50 marks)

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